WHAT IS CLAIMED IS:

1. A floor covering (1; 11; 21; 31) made of an elastically moldable material, in particular from a synthetic rubber, which is provided with a regular arrangement consisting of first projections (3; 13; 23; 33) on the upper side and with a regular arrangement of second projections (5; 15; 25; 35) on the underside, the projections not exhibiting any overlapping area of the first projections and of the second projections on the cover plane, wherein, on the underside within the projections of the first projections, third projections (7; 17; 27; 37) are provided in each case which have a smaller height vis-à-vis the second projections such that the floor covering only lies on a floor with the second projections when it is in an unloaded state, however, when a preset load is exceeded locally, the third projections come in contact with the floor.

2. Floor covering according to claim 1, wherein the first projections (3; 13; 33) essentially have the shape of a spherical segment.

3. Floor covering according to claim 1, wherein the second and/or third projections (5; 35, 37) essentially have the shape of a flat square prism or frustum.

4. Floor covering according to claim 1, wherein the second and/or third projections (15, 17; 25, 27) essentially have the form of a spherical segment, flat truncated cone or flat cylinder.

5. Floor covering according to claim 3, wherein the second projections (5) have the form of a square prism or frustum with rounded edges (56) and transitional areas (5c) to the cover plane and the third projections (7) have the form of a spherical segment.

6. Floor covering according to claim 1, wherein the dimensions, especially diameter or edge measurements, of the second protrusion (5; 25) essentially correspond to the distance between them or exceed them.

7. Floor covering according to claim 1, wherein the dimensions, in particular the diameter or edge measurements, of the third projections (7; 17; 27; 37) are essentially less than the distance between them, in particular less than 3/4 thereof.

8. Floor covering according to claim 1, wherein the grid sizes of the arrangements of the first and second projections essentially correspond and the grid size of the third projection corresponds to the grid size of the arrangements of the first and second projections or a multiple thereof.

9. Floor covering according to claim 1, wherein the first projections (3, 23) are formed by two superimposed basic geometric forms, in particular of a larger spherical segment (3a) and a smaller spherical segment (3b) mounted on it.

10. Floor covering according to claim 1, wherein the height of the first projections is less than 1/3 of their largest measurement on the covering plane and the height of the second and/or third projections is in the range of between 1/5 and 1/2 of its size measurement on the covering plane.

11. Floor covering according to claim 1, wherein perforations (8) are arranged in the interstices between the first and second projections and/or rebounds (9) are provided in the underside.

12. Floor covering according to claim 11, wherein the perforations (8) or rebounds (9) are configured circular in their cross-section or have segmental areas.

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